

# Notice of Allowability

Application No.

10/629,201

Examiner

D. L. Jones

Applicant(s)

GREENSTEIN ET AL.

Art Unit

1616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--  
claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included  
ewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS  
NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative  
he Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

☒ This communication is responsive to 11/19/04.

☒ The allowed claim(s) is/are 1-19.

☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.

☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some\* c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the  
International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements  
oted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF  
INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.

(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of  
Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of  
each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the  
attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

☐ Notice of References Cited (PTO-892)

☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_

☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 11/19/04.

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other \_\_\_\_\_.

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### **INTERVIEW SUMMARY**

1. On 11/19/04, Attorney Jack Waddey called and authorized the Examiner to make the changes as suggested in the interview conducted on 11/9/04 (a copy is being mailed with this office action).

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Jack Waddey on 11/19/04.

The application has been amended as follows.

Please replace claims 1, 9, and 14 with the following claims.

Claim 1 (currently amended) A method of identifying an anti-nematode agent comprising

administering a test compound to a nematode;

detecting a binding of the test compound to a major sperm protein of the nematode; and

monitoring a female sexual maturation of the nematode, wherein inhibition of the female sexual maturation indicates that the test compound is the anti-nematode agent.

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Claim 9 (currently amended) A method of identifying an anti-nematode agent comprising:

contacting a test compound to a major sperm protein polypeptide;

detecting a composition wherein the composition is the test compound and the polypeptide;

administering the test compound to a nematode; and

monitoring a female sexual maturation of the nematode by optical monitoring.

Claim 14 (currently amended) A method of identifying an anti-nematode agent comprising:

affixing a test compound to a matrix;

incubating the test compound with a major sperm protein polypeptide;

washing the test compound to remove the major sperm protein polypeptide that is not bound to the test compound;

detecting a composition wherein the composition is the test compound and the major sperm protein polypeptide;

administering the test compound to a nematode; and

observing a female sexual maturation of the nematode, wherein inhibiting the female sexual maturation indicates that the test compound is the anti-nematode agent.

### **ALLOWABLE CLAIMS**

3. Claims 1-19 are allowable over the prior art of record for reasons of record.


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4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. L. Jones whose telephone number is (571) 272-0617. The examiner can normally be reached on Mon.-Fri., 6:45 a.m. - 3:15 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gary Kunz can be reached on (571) 272-0887. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
D. L. Jones  
Primary Examiner  
Art Unit 1616

November 22, 2004